

## PRAXAIR TECHNOLOGY, INC.

Law Department  
 Patent Section M1-557  
 LOCAL TELEPHONE CONTACT:

39 Old Ridgebury Road  
 Danbury, CT 06810-5113

JCS58 U.S. PTO  
 12/14/01

December 13, 2001

Docket No. D-20,920

J1050 U.S. PTO  
 10/014480  
 12/14/01

To: Assistant Commissioner for Patents  
 Box Patent Application  
 Washington, DC 20231

Transmitted herewith for filing is the UTILITY PATENT APPLICATION under 37 C.F.R. §1.53(b) of:

First Inventor: António Filipe Falcão de Montalvão

Title of Invention: CAVITATION METHOD AND APPARATUS FOR DEAERATION

Cancel Claims: \_\_\_\_\_

Filing Fee, calculated as follows:

| CLAIMS AS FILED, LESS ANY CLAIMS CANCELLED BY AMENDMENT         |                 |                 |            |                               |             |
|---|-----------------|-----------------|------------|-------------------------------|-------------|
|   | NUMBER<br>FILED | NUMBER<br>EXTRA | \$<br>RATE | \$<br>RATE                    | FEE<br>CODE |
| Basic fee   |                 |                 |            | 740                           | 101         |
| Total claims  | <u>7- 20</u>    | <u>0</u>        | <u>x</u>   | <u>18</u> = <u>0</u>          | 103         |
| Independent claims  | <u>2 - 3</u>    | <u>0</u>        | <u>x</u>   | <u>84</u> = <u>0</u>          | 102         |
| Multiple dependent claims(s) per<br>Application (if applicable) |                 |                 | <u>+</u>   | <u>280</u> = <u>0</u>         | 104         |
|   |                 |                 |            | Total filing fee <u>\$740</u> |             |

1. The Commissioner is hereby authorized to charge the following fees, and credit any overpayment to Deposit Account No. 16-2440 (a duplicate copy of this Sheet is enclosed for this purpose):
  - a.  Filing Fees required under 37 C.F.R. §1.16
  - b.  Processing Fees required under 37 C.F.R. §1.17
  - c.  Issue Fees required under 37 C.F.R. §1.18
2.  Specification Total Pages: 12
3.  Informal drawings  Formal drawings Total Sheets: 2
4. a.  New Declaration (Signed) \_\_\_\_\_ (Unsigned) \_\_\_\_\_  
 b.  Copy from a prior application (37 C.F.R. §1.63(d))  
 i. DELETION OF INVENTOR(S)  
 Signed statement attached deleting inventor(s) named in the prior application,  
 see 37 C.F.R. §§1.63(d)(2) and 1.33(b).

5.  Incorporation By Reference (usable if Box 4b is checked).  
The entire disclosure of the prior application, from which a copy of the oath or declaration is supplied under Box 4b, is considered to be part of the disclosure of the accompanying application and is hereby incorporated by reference therein.

6.  Microfiche.

7.  Sequence Submission.

8.  An Assignment transmittal letter and document or  Assignment in parent case was recorded \_\_\_\_\_ on Reel \_\_\_\_\_, Frame(s) \_\_\_\_\_.

9.  Copy of Power of Attorney executed by the  Inventors,  Assignee (with 37 C.F.R. 3.73(b) Statement).

10.  English Translation.

11.  An Information Disclosure Statement.  
 A list of references (Form PTO-1449).  
 Copies of references.

12.  Preliminary Amendment.

13.  Postcards.

14.  Other: \_\_\_\_\_

15.  Amend the specification by inserting before the first line, the sentence:  
"This is a  Continuation  Division  Continuation-in-Part of prior U.S. Application(s) No. \_\_\_\_\_ Filing Date: \_\_\_\_\_".

16.  Prior application information: Examiner \_\_\_\_\_ Group Art Unit: \_\_\_\_\_.

17. Claim for Priority Under 35 U.S.C. 120:  
 The benefit under 35 U.S.C. 120 is hereby claimed from the United States application(s) identified in Box 15 above.

18. Claim for Priority Under 35 U.S.C. 119:  
 The benefit of priority under 35 U.S.C. 119 is hereby claimed from the following foreign application(s):  
 Certified copy of Priority Document(s).

19. Please address all correspondence in connection with this application to Customer No. 27182 (label affixed below):



27182

PATENT TRADEMARK OFFICE

Telephone (203) 837-2116  
Fax (203) 837-2545

Donald T. Black  
Donald T. Black  
Attorney for Applicants  
Registration No.: 27,999

Dated: December 13, 2001  
Our Ref.: D-20,920